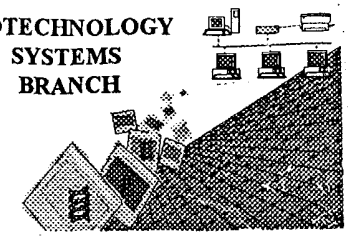
re-run L. Helms 3/19

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 08/908,469B
Source: 1600 (IFW)
Date Processed by STIC: 3/5/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
***Effective 12/13/03*: TELEPHONE: 571-272-2510; FAX: 571-273-0221**

TO REDUCE ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry directly to (EFFECTIVE 12/01/03):** U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

re-run

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/908,469B

DATE: 03/11/2004
TIME: 09:46:49

Input Set : A:\P1093P1.txt
Output Set: N:\CRF4\03112004\H908469B.raw

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: Baca, Manuel
Wells, James A.
Presta, Leonard G.
Lowman, Henry B.
Chen, Yvonne M.

(ii) TITLE OF INVENTION: ANTI-VEGF ANTIBODIES

(iii) NUMBER OF SEQUENCES: 131

(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Genentech, Inc.
(B) STREET: 1 DNA Way
(C) CITY: South San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94080

Does Not Comply
Corrected Diskette Needed

pp 1-2

(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: WinPatin (Genentech)

(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/08/908,469B**
C--> **(B) FILING DATE: 06-Aug-1997**
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/833,504
(B) FILING DATE: 07-APR-1997

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Cui, Steven X.
(B) REGISTRATION NUMBER: 44,637
(C) REFERENCE/DOCKET NUMBER: P1093P1

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 650/225-8674
(B) TELEFAX: 650/952-9881

see p. 2

ERRORED SEQUENCES

(2) INFORMATION FOR SEQ ID NO: 100:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 237 amino acids
E--> **(B) TYPE:** PRT amino acid

This sequence listing is in the "old" Sequence Rules format. "PRT" is only used in the "new" Sequence Rules format.

3/11/04

RAW SEQUENCE LISTING DATE: 03/11/2004
PATENT APPLICATION: US/08/908,469B TIME: 09:46:49

Input Set : A:\P1093P1.txt
Output Set: N:\CRF4\03112004\H908469B.raw

(D) TOPOLOGY: ← mandatory response needed

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100:

Met Lys Lys Asn Ile Ala Phe Leu Leu Ala Ser Met Phe Val Phe
1 5 10 15
Ser Ile Ala Thr Asn Ala Tyr Ala Asp Ile Gln Leu Thr Gln Ser
20 25 30
Pro Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Ile Thr
35 40 45
Cys Ser Ala Ser Gln Asp Ile Ser Asn Tyr Leu Asn Trp Tyr Gln
50 55 60
Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr Phe Thr Ser
65 70 75
Ser Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser
80 85 90
Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp
95 100 105
Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Ser Thr Val Pro Trp Thr
110 115 120
Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala
125 130 135
Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser
140 145 150
Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg
155 160 165
Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly
170 175 180
Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
185 190 195
Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
200 205 210
Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser
215 220 225
Ser Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
230 235

(2) INFORMATION FOR SEQ ID NO: 130:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 254 amino acids

E--> **(B) TYPE:** PRT ← amino acid

(D) TOPOLOGY: ← mandatory response

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 130:

Met Lys Lys Asn Ile Ala Phe Leu Leu Ala Ser Met Phe Val Phe
1 5 10 15
Ser Ile Ala Thr Asn Ala Tyr Ala Glu Val Gln Leu Val Glu Ser
20 25 30
Gly Gly Gly Leu Val Gln Pro Gly Gly Ser Leu Arg Leu Ser Cys
35 40 45
Ala Ala Ser Gly Tyr Thr Phe Thr Asn Tyr Gly Met Asn Trp Ile
50 55 60
Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Gly Trp Ile Asn

RAW SEQUENCE LISTING DATE: 03/11/2004
PATENT APPLICATION: US/08/908,469B TIME: 09:46:49

Input Set : A:\P1093P1.txt
Output Set: N:\CRF4\03112004\H908469B.raw

```
2780                    65                  70                  75
2782  Thr Tyr Thr Gly Glu Pro Thr Tyr Ala Ala Asp Phe Lys Arg Arg
2783                    80                  85                  90
2785  Phe Thr Ile Ser Ala Asp Thr Ser Ser Asn Thr Val Tyr Leu Gln
2786                    95                 100                 105
2788  Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
2789                   110                 115                 120
2791  Lys Tyr Pro His Tyr Tyr Gly Ser Ser His Trp Tyr Phe Asp Val
2792                   125                 130                 135
2794  Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys
2795                   140                 145                 150
2797  Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser
2798                   155                 160                 165
2800  Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro
2801                   170                 175                 180
2803  Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly
2804                   185                 190                 195
2806  Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
2807                   200                 205                 210
2809  Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln
2810                   215                 220                 225
2812  Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val
2813                   230                 235                 240
2815  Asp Lys Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Leu
2816                   245                 250
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 03/11/2004
PATENT APPLICATION: **US/08/908,469B** TIME: 09:46:50

Input Set : **A:\P1093P1.txt**
Output Set: **N:\CRF4\03112004\H908469B.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:117; Line(s) 2367,2373,2379,2385,2391
Seq#:118; Line(s) 2409
Seq#:119; Line(s) 2430,2436,2442,2448,2454
Seq#:120; Line(s) 2472,2478,2484,2490,2496,2502,2508
Seq#:121; Line(s) 2526,2532,2538,2544,2550
Seq#:123; Line(s) 2580,2586
Seq#:124; Line(s) 2604
Seq#:125; Line(s) 2643,2649,2655,2661
Seq#:128; Line(s) 2727
Seq#:129; Line(s) 2745,2751

VERIFICATION SUMMARY DATE: 03/11/2004
PATENT APPLICATION: **US/08/908,469B** TIME: 09:46:50

Input Set : **A:\P1093P1.txt**
Output Set: **N:\CRF4\03112004\H908469B.raw**

```
L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:1774 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=100
L:2373 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:2373 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)
L:2373 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=117
L:2395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0
L:2409 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:2409 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)
L:2409 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=118
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0
L:2436 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:2436 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)
L:2436 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=119
L:2458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:0
L:2490 M:220 C: Keyword misspelled or invalid format, [(D) TOPOLOGY:]
L:2490 M:238 W: Alpha Fields not Ordered, Reordered [(D) TOPOLOGY:] of (2)(i)
L:2490 M:246 W: Invalid value of Alpha Sequence Header Field, [TOPOLOGY:], SeqNo=120
L:2512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:0
L:2554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0
L:2590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0
L:2608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124 after pos.:0
L:2668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:125 after pos.:15
M:341 Repeated in SeqNo=125
L:2731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128 after pos.:0
L:2755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:0
L:2761 M:241 E: Invalid Alpha Header Field, [TYPE:], SeqNo=130
```